

**BACHELOR IN COMPUTER
APPLICATIONS**

Term-End Examination

December, 2007

CC-11 : VISUAL BASIC

Time : 2 hours

Maximum Marks : 75

Note : Question number 1 is **compulsory**. Answer any **three** questions from the rest. All questions pertain to Visual Basic.

1. (a) Explain the functions of DEBUG window. Also, write the procedure to open it. 10
- (b) What are the ranges of values that can be assigned to different types of variables ? You may consider any five types of variables. 10
- (c) Explain the process of creating a new project. Also, give a pictorial representation of project files. 10
2. (a) Write an event procedure to simulate keyboard of a computer. You can limit the number of keys in keyboard to 15. Make necessary assumptions. 10
- (b) Explain any two controls in a form. 5
3. (a) Assume that there is a database titled "Student" in Microsoft Access. The database includes address, name, enrolment number of each student. Now, write a procedure in VB that accepts enrolment number as input and prints the name of student as output. 10

- (b) Explain any two controls that are capable of managing sets of records when bound to a Data Control. 5
4. (a) Explain various steps in the process of creating OLE object at design time. 9
- (b) List and explain arithmetic operators in VB and their corresponding operations. 6
5. (a) Write an event procedure that accepts two strings as input and prints the longest string among them. 10
- (b) Explain any five numeric functions in VB. 5